

WE CLAIM:

1. A culture medium comprising:
 - i. between about 4.5 g/l and about 5.5 g/l of monobasic potassium phosphate;
 - ii. between about 0.5 g/l and about 1.5 g/l of ammonium chloride;
 - iii. between about 0.5 g/l and about 1.5 g/l of heptahydrate magnesium sulfate;
 - iv. between about 30.0 g/l and about 50.0 g/l of D(+) saccharose, and
 - v. water.
2. The medium of claim 1, wherein the medium is for the culture of fungi and yeast.
3. The medium of claim 2, wherein the fungi and yeast are selected from the group consisting of *Basillus Subtilis*, *Candida Albicans*, *Saccharomyces Cerevisiae*, *Saccharomyces Uvarum*, *Rhodotorula Rubra*, *Penicillium Camemberti*, *Aspergillus Niger*, *Trychophyton Ajelloi* and *Geotrichum Candidum*.
4. The medium of claim 1, wherein the pH of the medium is between 4.5 and 5.5.

5. A method of preparing a culture medium comprising:

i. between about 4.5 g/l and about 5.5 g/l of monobasic potassium phosphate;

ii. between about 0.5 g/l and about 1.5 g/l of ammonium chloride;

iii. between about 0.5 g/l and about 1.5 g/l of heptahydrate magnesium sulfate;

iv. between about 30.0 g/l and about 50.0 g/l of D(+) saccharose, and

v. water, wherein the method comprises the steps of:

a. obtaining a solution by dissolving in ultra pure water, under agitation, the monobasic potassium phosphate, the ammonium chloride, the heptahydrate magnesium sulfate and the saccharose;

b. adjusting the pH of the solution obtained in step a. to 5.0, and

c. sterilizing the solution and conserving the solution at a temperature of 4°C.

6. A culture medium composition for detecting fungi and/or yeast in installations, the composition comprising monobasic potassium phosphate, ammonium chloride, heptahydrate magnesium sulfate, D(+) saccharose, and water.

7. The composition of claim 6, wherein the composition comprises:

- i. between about 4.5 g/l and about 5.5 g/l of monobasic potassium phosphate;
- ii. between about 0.5 g/l and about 1.5 g/l of ammonium chloride;
- iii. between about 0.5 g/l and about 1.5 g/l of heptahydrate magnesium sulfate;
- iv. between about 30.0 g/l and about 50.0 g/l of D(+) saccharose, and
- v. water.

8. The composition of claim 6, wherein the fungi and yeast are selected from the group consisting of *Basillus Subtilis*, *Candida Albicans*, *Saccharomyces Cerevisiae*, *Saccharomyces Uvarum*, *Rhodotorula Rubra*, *Penicillium Camemberti*, *Aspergillus Niger*, *Trychophyton Ajelloi* and *Geotrichum Candidum*.

9. The composition of claim 6, wherein the pH of the composition is between 4.5 and 5.5.

10. The composition of claim 6, wherein the installations are food industry installations.

11. A method of preparing a culture medium comprising monobasic potassium phosphate, ammonium chloride, heptahydrate magnesium sulfate, D(+) saccharose, and water, the method comprising the steps of:

a. obtaining a solution by dissolving in ultra pure water, under agitation, the monobasic potassium phosphate, the ammonium chloride, the heptahydrate magnesium sulfate and the saccharose;

b. adjusting the pH of the solution obtained in step a. to 5.0, and

c. sterilizing the solution and conserving the solution at a temperature of 4°C.

12. The method of claim 11, wherein the composition comprises:

i. between about 4.5 g/l and about 5.5 g/l of monobasic potassium phosphate;

ii. between about 0.5 g/l and about 1.5 g/l of ammonium chloride;

iii. between about 0.5 g/l and about 1.5 g/l of heptahydrate magnesium sulfate;

iv. between about 30.0 g/l and about 50.0 g/l of D(+) saccharose, and

v. water.